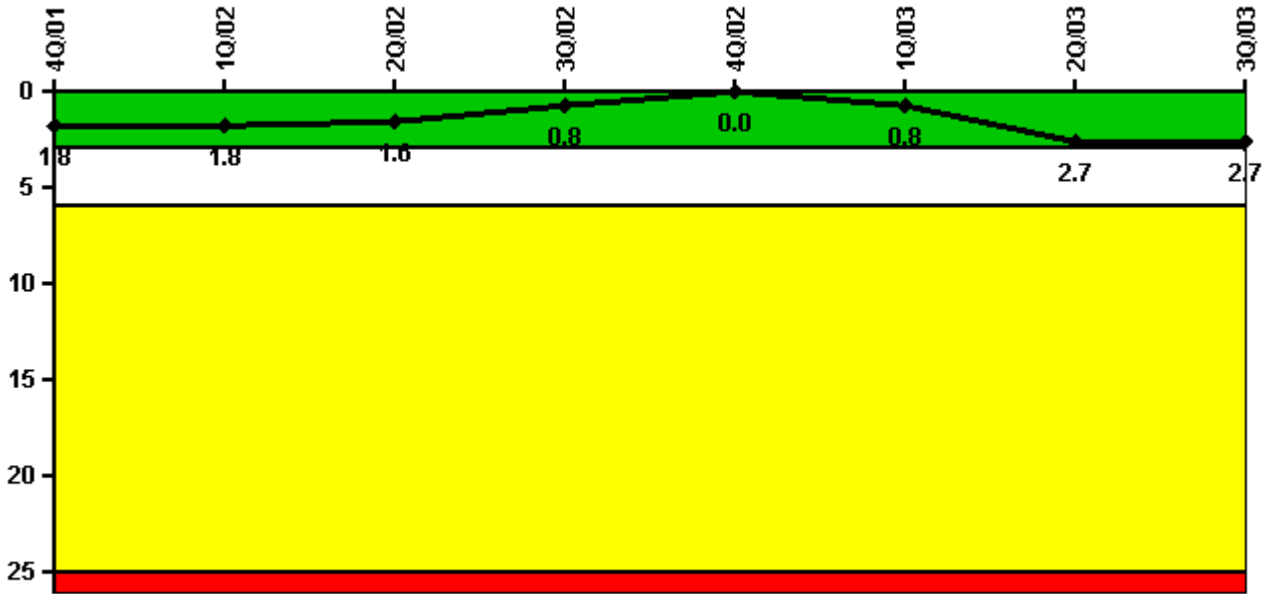


# Pilgrim 1

## 3Q/2003 Performance Indicators

Licensee's General Comments: NRC Performance Indicator Data for Pilgrim Station for 3Q-2003.

### Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

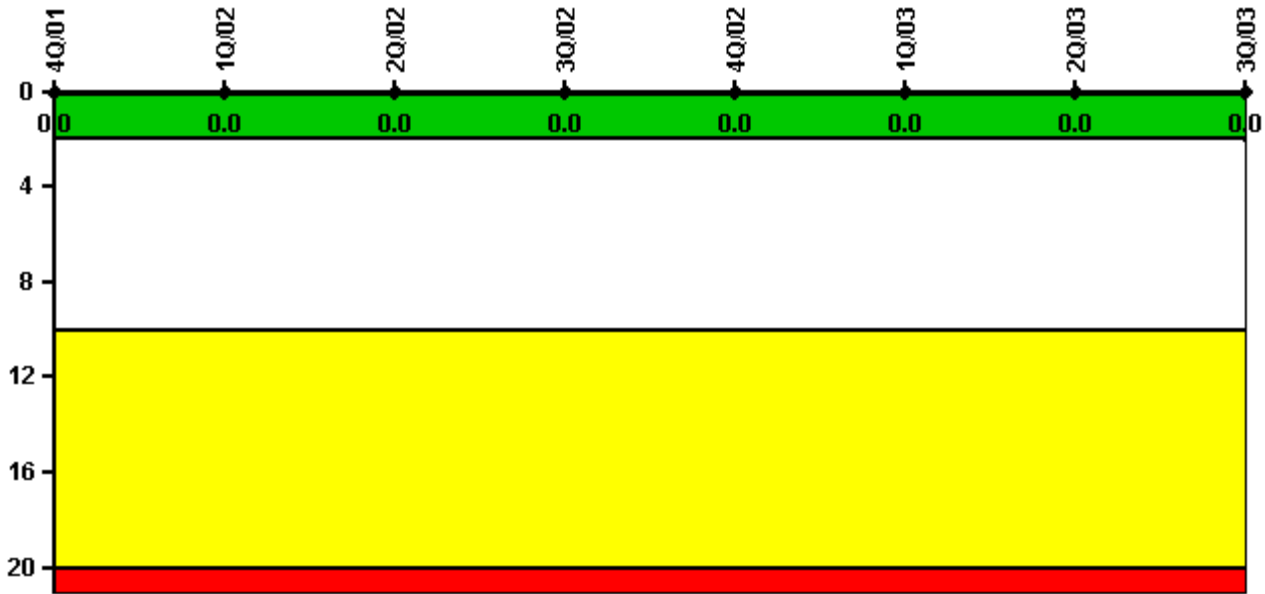
### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned scrams	1.0	0	0	0	0	1.0	2.0	0
Critical hours	2140.1	2160.0	2183.0	2208.0	2209.0	1971.0	1519.0	2188.0
Indicator value	1.8	1.8	1.6	0.8	0	0.8	2.7	2.7

Licensee Comments:

3Q/03: Reflects manual scram on 2/21/2002 and automatic scrams on 5/19/2003 and 6/1/2003.

### Scrams with Loss of Normal Heat Removal



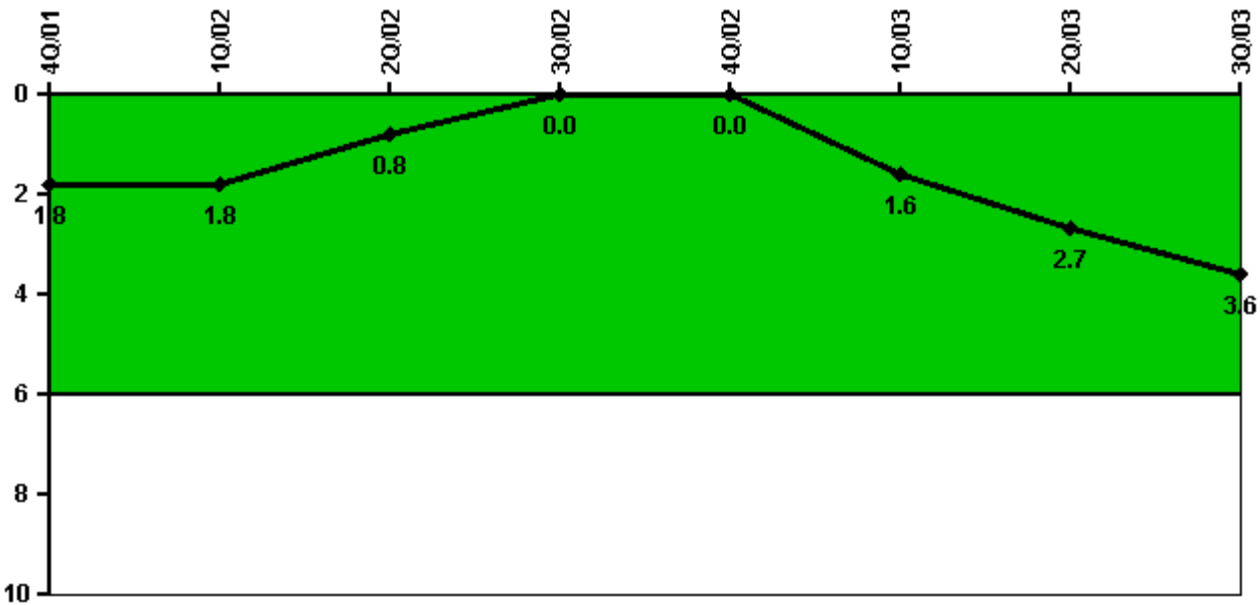
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

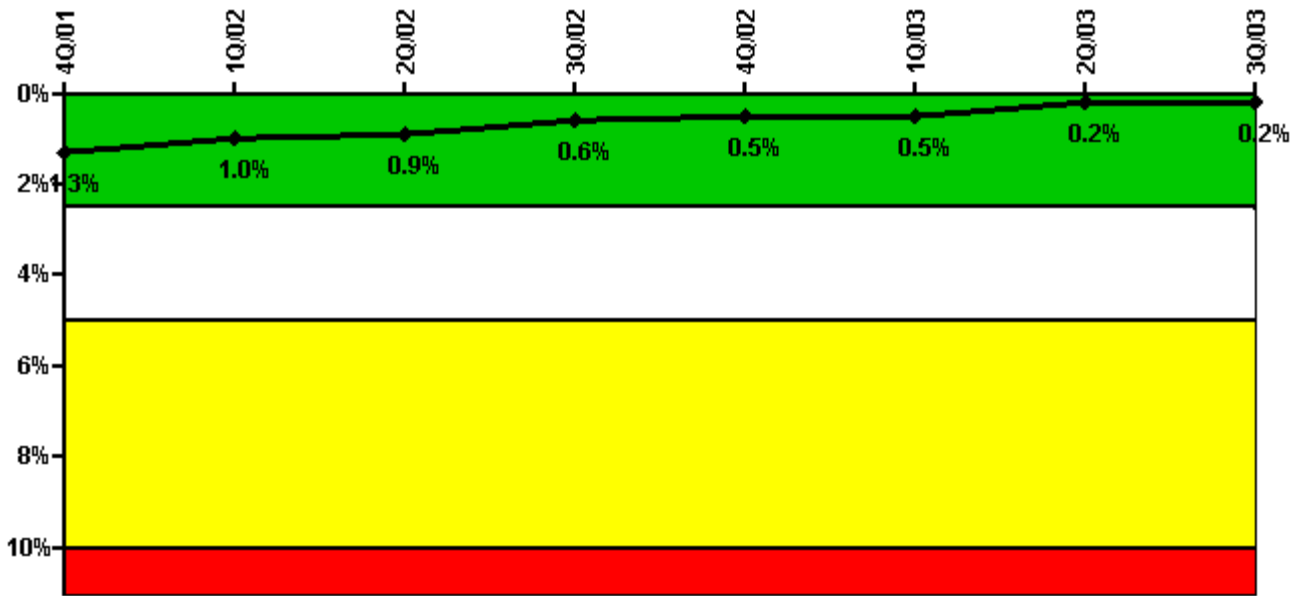
#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned power changes	0	0	0	0	0	2.0	1.0	1.0
Critical hours	2140.1	2160.0	2183.0	2208.0	2209.0	1971.0	1519.0	2188.0
Indicator value	1.8	1.8	0.8	0	0	1.6	2.7	3.6

Licensee Comments:

3Q/03: Reflects unplanned power reductions greater than 20% on 2/20/2003, 3/3/2003, 5/15/2003, and most recently on 9/16/2003.

### Safety System Unavailability, Emergency AC Power



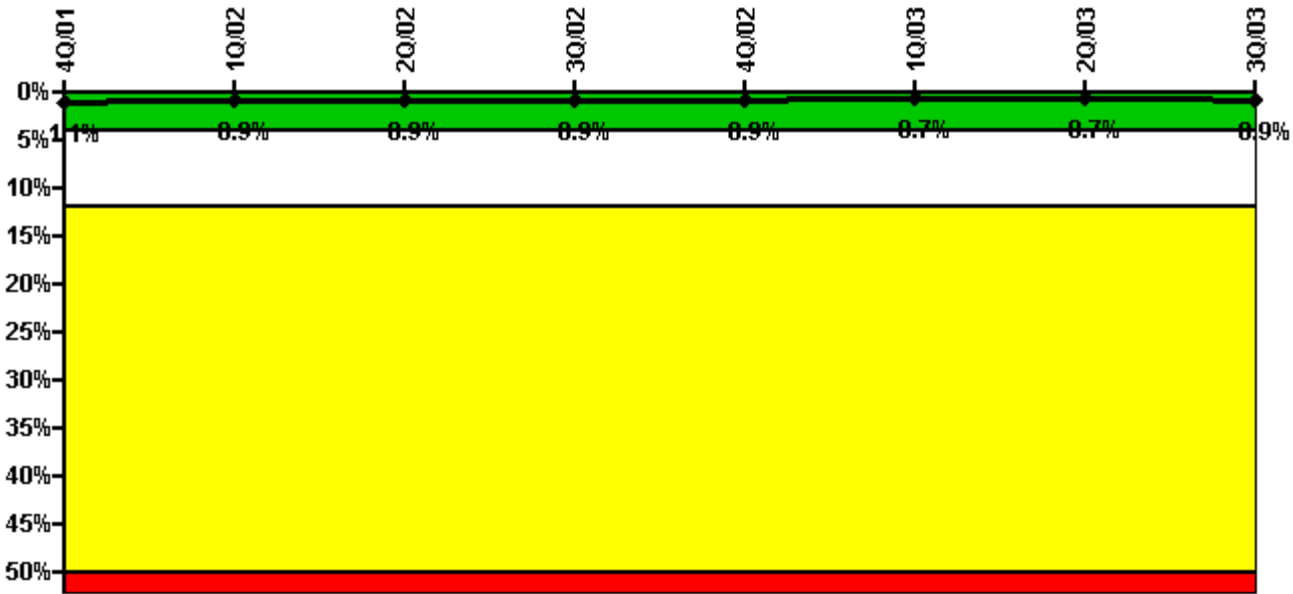
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Emergency AC Power	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
<b>Train 1</b>								
Planned unavailable hours	0.99	1.20	3.55	1.83	1.53	1.01	0.88	0.75
Unplanned unavailable hours	0	0	4.00	4.70	0	0	0	21.08
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2154.80	2160.00	2183.00	2208.00	2209.00	2058.00	1570.00	2202.70
<b>Train 2</b>								
Planned unavailable hours	5.70	0.90	1.08	0.70	0.89	0.80	0.66	1.02
Unplanned unavailable hours	0	0	33.75	3.05	0	13.72	0	0.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2154.80	2160.00	2183.00	2208.00	2209.00	2058.00	1570.00	2202.70
Indicator value	1.3%	1.0%	0.9%	0.6%	0.5%	0.5%	0.2%	0.2%

Licensee Comments: none

### Safety System Unavailability, High Pressure Injection System (HPCI)



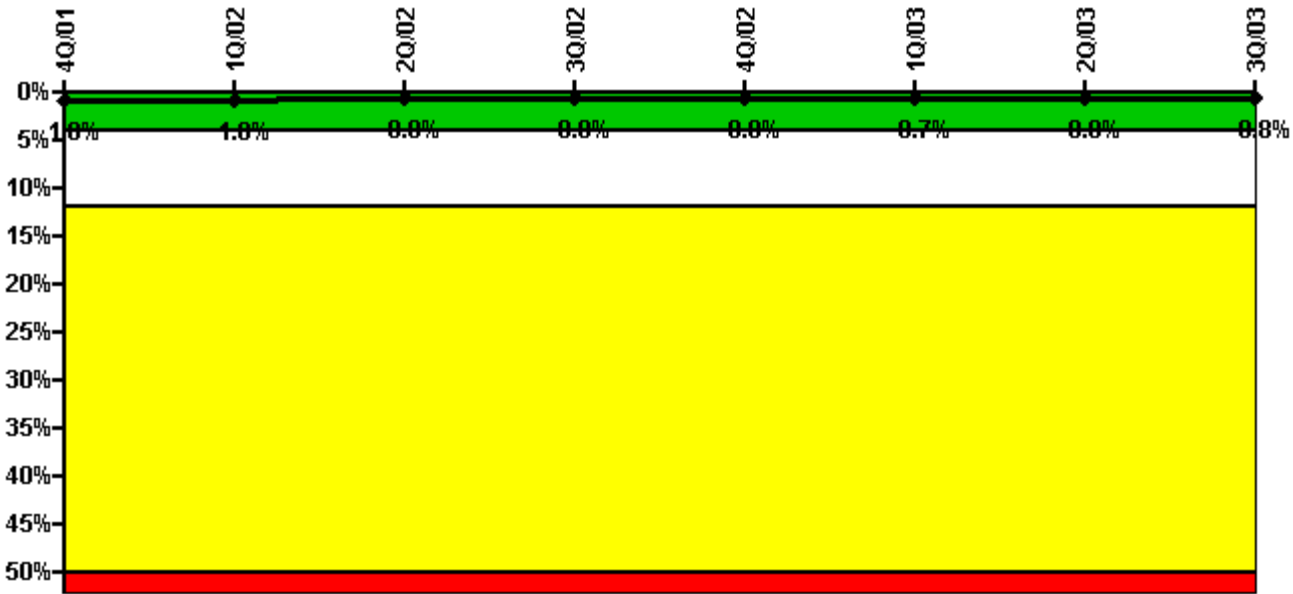
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	7.74	15.31	12.90	18.62	3.62	0.35	11.15	4.97
Unplanned unavailable hours	0	0	0	0.50	0	0	0	101.43
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2148.00	2160.00	2183.00	2208.00	2209.00	2000.75	1590.54	2200.60
Indicator value	1.1%	0.9%	0.9%	0.9%	0.9%	0.7%	0.7%	0.9%

Licensee Comments: none

### Safety System Unavailability, Heat Removal System (RCIC)



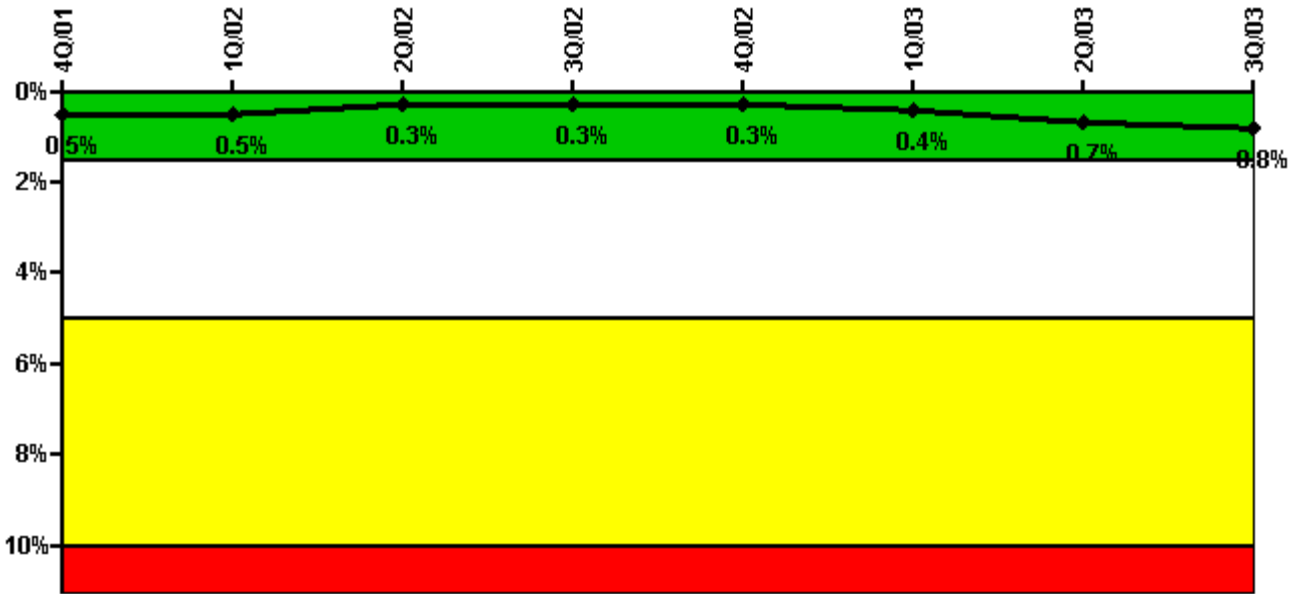
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	10.75	11.86	7.64	14.28	22.73	19.48	9.74	25.29
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2148.00	2160.00	2183.00	2208.00	2209.00	2000.75	1590.54	2200.60
Indicator value	1.0%	1.0%	0.8%	0.8%	0.8%	0.7%	0.8%	0.8%

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



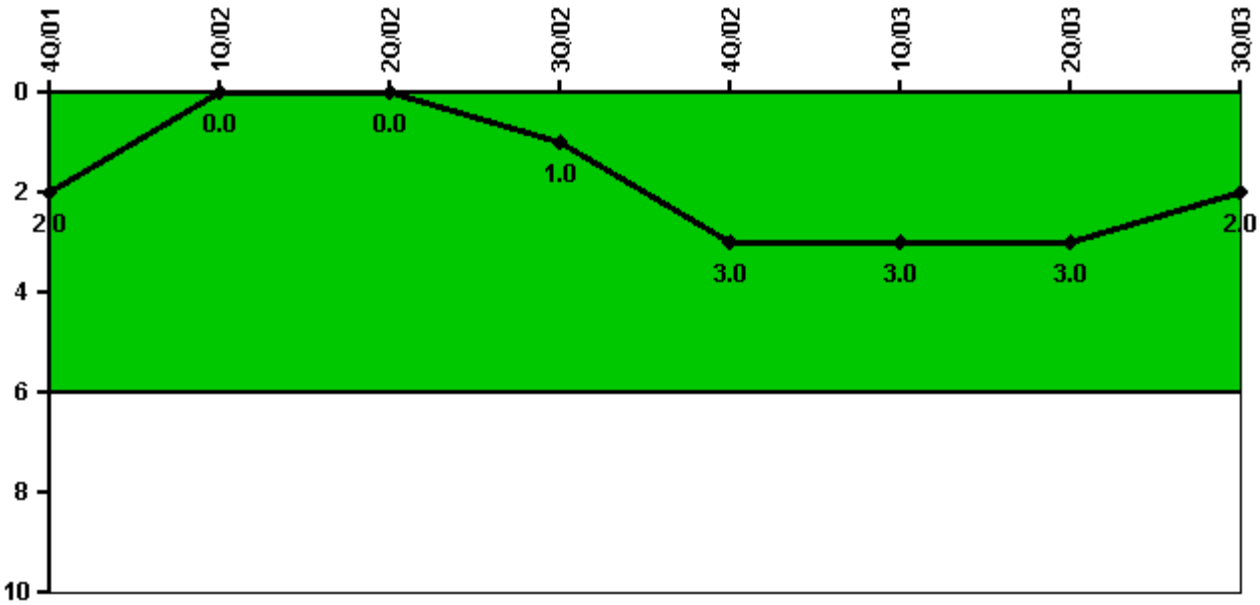
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

Safety System Unavailability, Residual Heat Removal System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
<b>Train 1</b>								
Planned unavailable hours	0.25	0	2.48	0	3.00	0	109.45	19.93
Unplanned unavailable hours	0	0	0	0	0	59.20	0	42.29
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
<b>Train 2</b>								
Planned unavailable hours	0	0	0	0.50	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	12.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.5%	0.5%	0.3%	0.3%	0.3%	0.4%	0.7%	0.8%

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

#### Notes

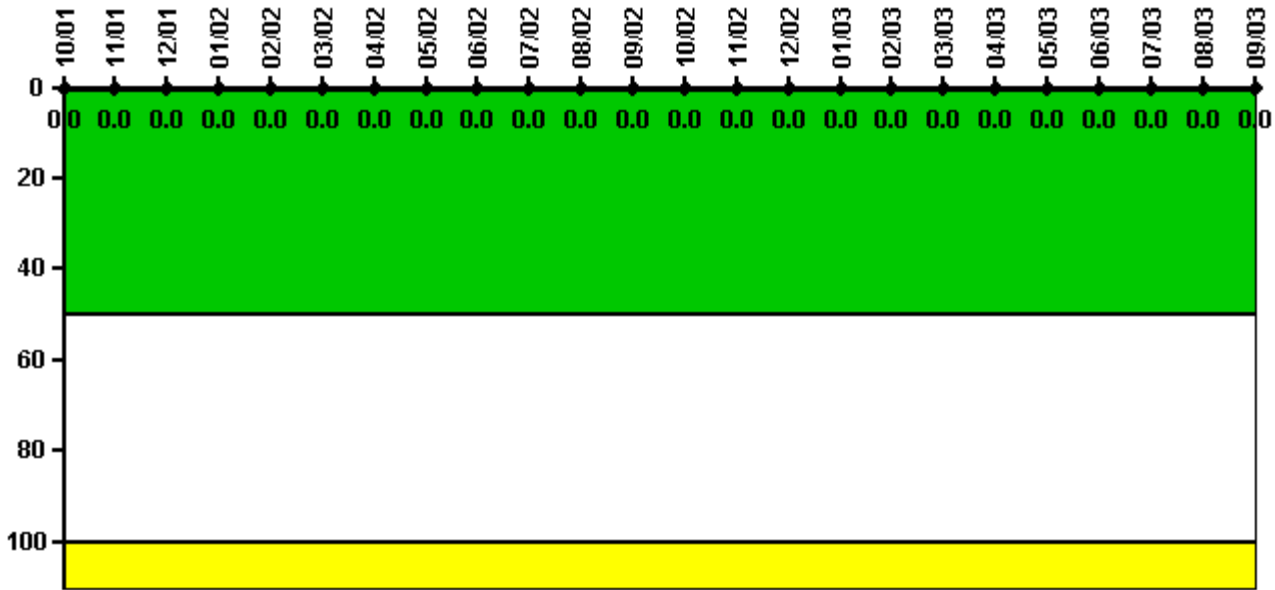
Safety System Functional Failures (BWR)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Safety System Functional Failures	0	0	0	1	2	0	0	0
Indicator value	2	0	0	1	3	3	3	2

Licensee Comments:

3Q/03: Reflects LER 2002-001-00 (HPCI) that was submitted on 9/4/2002, LER 2002-002-00 (CRHEAF) that was submitted on 11/12/2002, and LER 2002-003-00 (RPS) that was submitted on 12/2/2002.



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

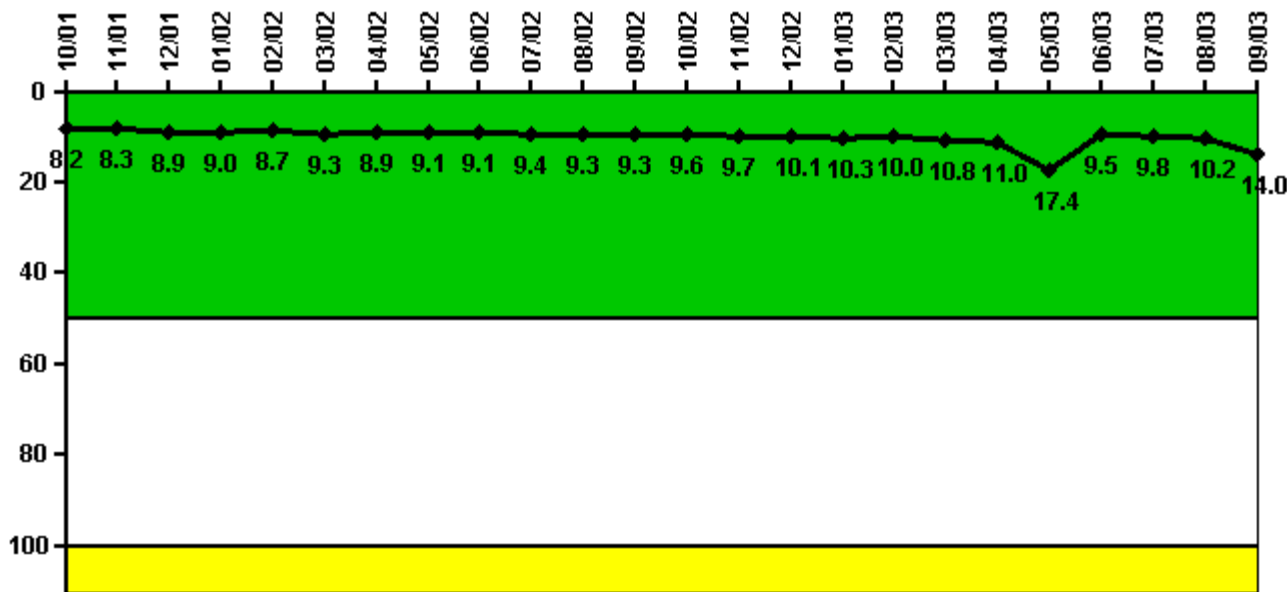
Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.003310	0.002450	0.002260	0.002860	0.003050	0.003100	0.002360	0.002250	0.002360	0.002360	0.002930	0.002850
Technical specification limit	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0.001780	0.002160	0.002900	0.004520	0.003160	0.003040	0.002970	0.002360	0.005000	0.005000	0.004350	0.003780
Technical specification limit	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

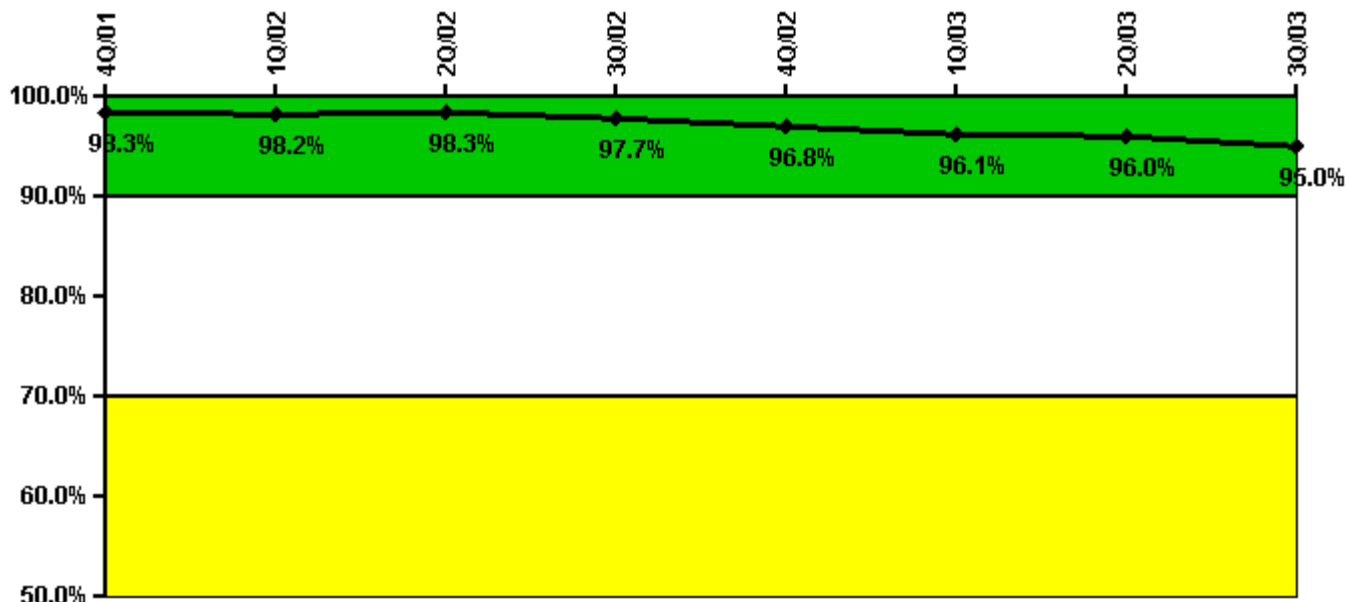
Notes

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	2.060	2.080	2.230	2.250	2.180	2.330	2.230	2.270	2.280	2.360	2.330	2.330
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.2	8.3	8.9	9.0	8.7	9.3	8.9	9.1	9.1	9.4	9.3	9.3
Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	2.400	2.420	2.530	2.570	2.500	2.710	2.750	4.340	2.370	2.440	2.540	3.510
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.6	9.7	10.1	10.3	10.0	10.8	11.0	17.4	9.5	9.8	10.2	14.0

Licensee Comments:

9/03: Reflects maximum total leakage (identified plus unidentified) in gpm for each month, depicted as a percentage of the Technical Specifications limit. Technical Specifications specify un-identified and total leakage, does not specify identified leakage.

### Drill/Exercise Performance



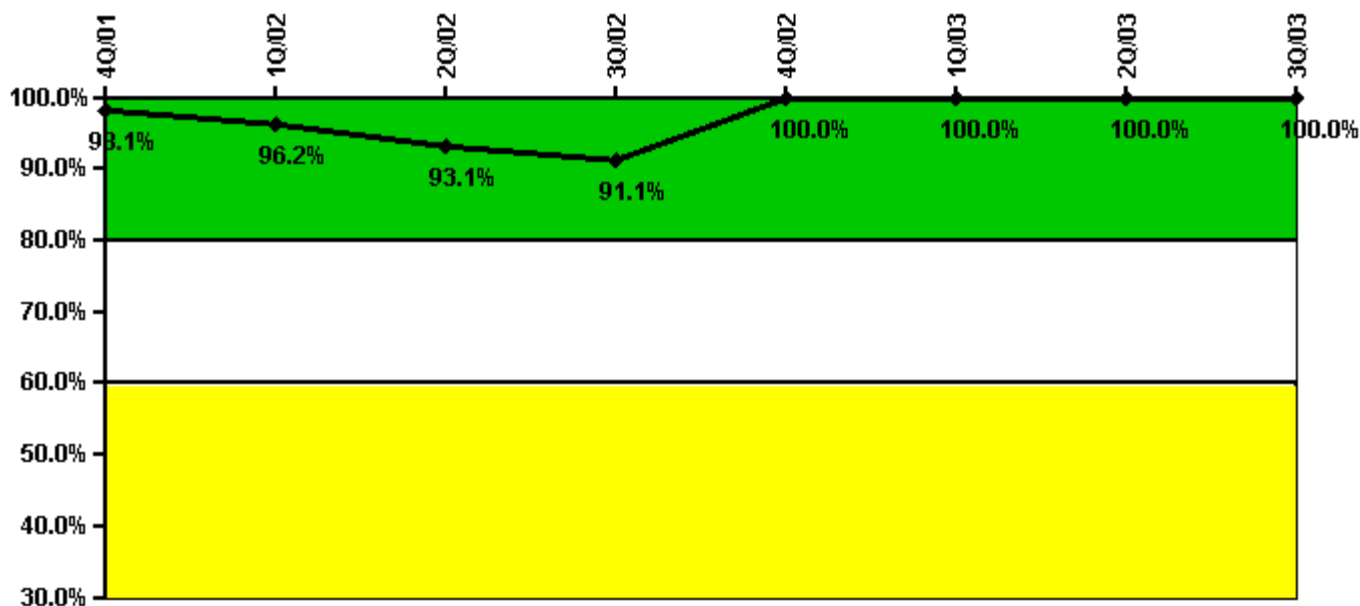
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful opportunities	59.0	14.0	26.0	54.0	22.0	15.0	21.0	56.0
Total opportunities	61.0	15.0	26.0	56.0	24.0	17.0	22.0	60.0
Indicator value	98.3%	98.2%	98.3%	97.7%	96.8%	96.1%	96.0%	95.0%

Licensee Comments: none

### ERO Drill Participation



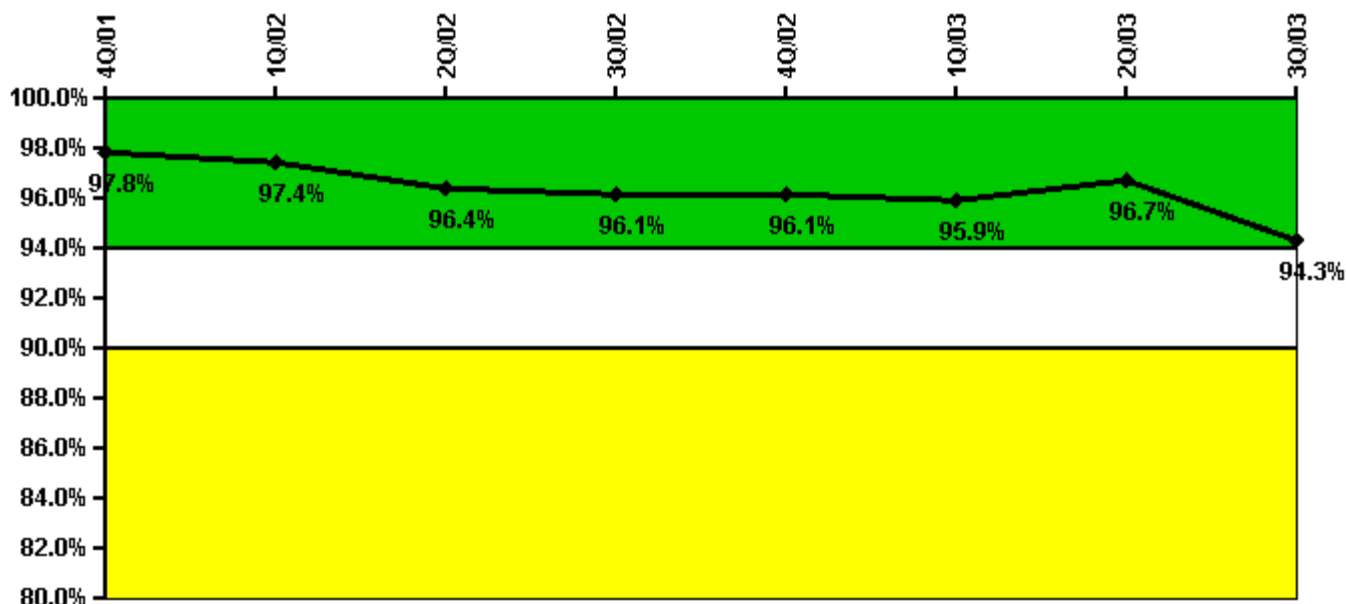
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Participating Key personnel	52.0	50.0	54.0	51.0	58.0	57.0	56.0	55.0
Total Key personnel	53.0	52.0	58.0	56.0	58.0	57.0	56.0	55.0
Indicator value	98.1%	96.2%	93.1%	91.1%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

### Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful siren-tests	438	324	313	432	330	321	325	291
Total sirens-tests	448	336	336	448	336	336	336	336
Indicator value	97.8%	97.4%	96.4%	96.1%	96.1%	95.9%	96.7%	94.3%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

### RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

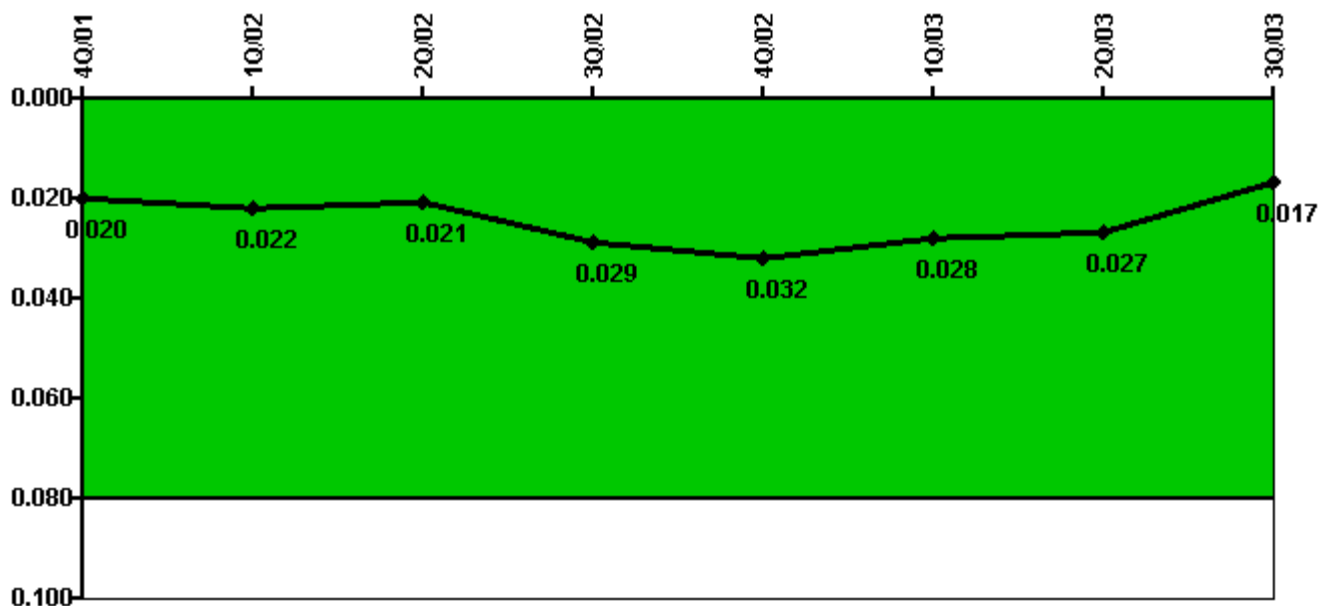
#### Notes

RETS/ODCM Radiological Effluent	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

#### Licensee Comments:

3Q/03: Analysis results of effluents for September 2003 were not available when this report was prepared because the results of laboratory analysis of samples for September will not be available until October. Weekly calculations completed through September 30, 2003 indicate cumulative doses for 3Q-2003 were well below the specified values. The sample analysis results for 3Q-2003 will be reflected in the January 2004 data submittal (for 4Q-2003). The sample analysis results for 2Q-2003 were as reported in the July 2003 data submittal (for 2Q-2003).

### Protected Area Security Performance Index



Thresholds: White > 0.080

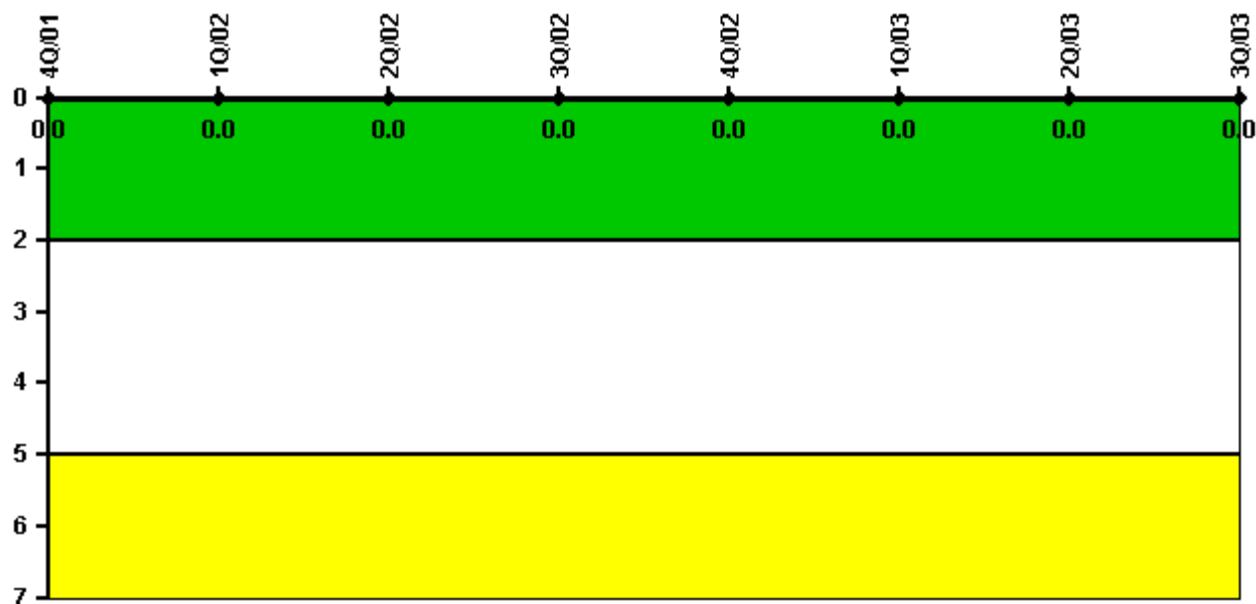
#### Notes

Protected Area Security Performance Index	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
IDS compensatory hours	36.60	173.60	137.20	82.40	42.20	75.80	44.10	140.80
CCTV compensatory hours	0	26.9	31.8	250.3	45.9	0.6	67.3	38.4
IDS normalization factor	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.020	0.022	0.021	0.029	0.032	0.028	0.027	0.017

Licensee Comments: none



### Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Personnel Screening Program	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

### FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

FFD/Personnel Reliability	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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Last Modified: October 22, 2003